

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jens WILDHAGEN

U.S. Serial No.: Filed Concurrently Herewith

Title of Invention: A DIGITAL FILTER FOR IQ-GENERATION, NOISE  
SHAPING AND NEIGHBOUR CHANNEL  
SUPPRESSION745 Fifth Avenue  
New York, NY 10151EXPRESS MAIL

Mailing Label Number: EL742692638US

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Honorable Commissioner of Patents and Trademarks, Washington, DC 20231.

Edward Nay  
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Edward R.  
(Signature of person mailing paper or fee)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Box Patent Application (35 U.S.C. 111)  
Washington, D.C. 20231

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 3, 5, 7 and 10 as follows:

3. (Amended) Filter according to claim 1, **characterized by**:

- a first delay element (1) with a delay N that receives the input signal (t(k));